

Materials List for:

Dithranol as a Matrix for Matrix Assisted Laser Desorption/Ionization Imaging on a Fourier Transform Ion Cyclotron Resonance Mass Spectrometer

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Materials

Name	Company	Catalog Number	Comments
Rat Liver	Pel-Freez Biologicals	56023-2	
Bovine Calf Lens	Pel-Freez Biologicals	57114-2	Sample should be decapsulated ²⁹ before use
Dithranol (DT)	Sigma-Aldrich	10608	MALDI Matrix
α -Cyano-4-hydroxy-cinnamic Acid (CHCA)	Sigma-Aldrich	70990	MALDI Matrix
2,5-Dihydroxybenzoic Acid (DHB)	Sigma-Aldrich	85707	MALDI Matrix
Reserpine	Sigma-Aldrich	83580	
Terfenadine	Sigma-Aldrich	T9652	
Formic Acid	Sigma-Aldrich	14265	
Ammonium Formate	Sigma-Aldrich	14266	
Ammonium Hydroxide	Sigma-Aldrich	320145	
Trifluoroacetic Acid (TFA)	Sigma-Aldrich	302031	
Water	Sigma-Aldrich	39253	
Methanol	Sigma-Aldrich	34860	
Acetonitrile	Sigma-Aldrich	34967	
Ethyl Acetate	Sigma-Aldrich	34972	
Isopropanol	Sigma-Aldrich	34965	
Chloroform	Sigma-Aldrich	366927	
Acetone	Sigma-Aldrich	34850	
Ethanol	Commercial Alcohols		95%
ES Tuning Mix	Agilent Technologies	G2431A	
ITO Coated Glass Slides	Hudson Surface Technology	PSI1207000	Ensure that samples are placed on the electrically conductive side
Wite-Out Shake-N-Squeeze Correction Pen	Bic	WOSQP11	
Airbrush Sprayer	Iwata	Eclipse HP-CS	
ImagePrep	Bruker	249500-LS	
MALDI adapter	Bruker	235380	